

### **Amendment to the Abstract of the Disclosure**

Please amend the Abstract of the Disclosure as follows:

A method of controlling packet transmission in a power line communication (PLC)-based local area network (LAN) ~~including~~ includes providing a PLC ~~control~~ central coordinator in the PLC LAN for managing allocation of PLC LAN resources, ~~and~~ The method of the invention also includes providing, for any packet traversing the PLC LAN, a destination station MAC address, a source station MAC address, and a temporary equipment identifier (TEI) for the transmitting PLC station.